

WHAT IS CLAIMED IS:

1 1. A transportable security surveillance system
2 for rapid installation in an area of interest and rapid
3 extraction from the area of interest, said system
4 comprising:
5 a local area network (LAN) connecting a central
6 security station to the area of interest;
7 a central security computer in the central security
8 station connected to the LAN;
9 an audio-video compressor (AVC) in the area of
10 interest connected to the LAN;
11 a video camera in the area of interest connected to
12 the AVC, said video camera providing video data regarding
13 the area of interest to the AVC;
14 a microphone in the area of interest connected to
15 the AVC, said microphone providing audio data regarding
16 the area of interest to the AVC; and
17 a triggering device in the area of interest that
18 creates a trigger indication when a situation arises that
19 requires real-time surveillance of the area of interest,
20 said trigger indication triggering the AVC to begin
21 streaming real-time audio and video data over the LAN to
22 the central security computer.

1 2. The transportable security surveillance system
2 of claim 1 wherein the AVC includes an AVC memory for
3 storing pre-trigger audio and video data received from
4 the camera and the microphone prior to receiving the
5 trigger indication from the triggering device, whereby
6 the pre-trigger audio and video data are saved in the AVC
7 memory when the AVC is triggered to begin streaming the
8 real-time audio and video data to the central security
9 computer.

1 3. The transportable security surveillance system
2 of claim 2 wherein the triggering device is wired to the
3 AVC.

1 4. The transportable security surveillance system
2 of claim 2 wherein the triggering device includes a
3 wireless trigger transmitter and a trigger receiver
4 connected to the AVC.

1 5. The transportable security surveillance system
2 of claim 4 further comprising, in the central security
3 station, an alarm display for providing a security guard
4 with the real-time audio and video data received by the
5 central security computer.

1 6. The transportable security surveillance system
2 of claim 5 wherein the alarm display also provides
3 instructions to the guard for handling the situation
4 requiring surveillance in the area of interest.

1 7. The transportable security surveillance system
2 of claim 6 further comprising, in the central security
3 station, a pager mechanism connected to the central
4 security computer that automatically pages a security
5 supervisor when the AVC begins to stream the real-time
6 audio and video data to the central security computer.

1 8. The transportable security surveillance system
2 of claim 7 further comprising, in the central security
3 station, an alarm event timer that terminates the
4 streaming of real-time audio and video data from the AVC
5 to the central security computer after a predetermined
6 period of time has expired.

1 9. The transportable security surveillance system
2 of claim 8 further comprising, in the central security
3 station, a supervisor override function that enables the
4 supervisor to override the alarm event timer and continue
5 the streaming of real-time audio and video data from the
6 AVC to the central security computer after the
7 predetermined period of time has expired.

1 10. The transportable security surveillance system
2 of claim 9 wherein the AVC includes a reverse audio
3 channel.

1 11. The transportable security surveillance system
2 of claim 10 further comprising a speaker connected to the
3 AVC, and a second microphone, said second microphone
4 being connected to the central security computer, whereby
5 an audio announcement from the security guard is made in
6 the area of interest by transmitting the announcement
7 from the second microphone to the speaker utilizing the
8 reverse audio channel.

1 12. The transportable security surveillance system
2 of claim 11 further comprising a database for storing the
3 real-time audio and video data after it is streamed to
4 the central security computer.

1 13. The transportable security surveillance system
2 of claim 12 wherein the AVC also includes means for
3 downloading the pre-trigger audio and video data stored
4 in the AVC memory, and sending the pre-trigger data to
5 the database.

1 14. The transportable security surveillance system
2 of claim 13 wherein the central security computer also
3 time stamps the audio and video data, and time stamps and
4 logs in the database, data regarding all actions taken by
5 the security guard in response to the situation requiring
6 surveillance.

1 15. The transportable security surveillance system
2 of claim 14 further comprising a video cassette recorder
3 (VCR) connected to the central security computer for
4 transferring the time stamped audio and video data, and
5 the time stamped data regarding the guard's actions to a
6 videotape.

1 16. The transportable security surveillance system
2 of claim 15 wherein the central security computer
3 includes means for preventing the security guard from
4 triggering the AVC to begin streaming real-time audio and
5 video data over the LAN to the central security computer
6 unless an access code is entered.

1 17. The transportable security surveillance system
2 of claim 16 wherein the AVC includes an RS-232 interface,
3 and the system further comprises at least one remote
4 control device controlled by the AVC through the RS-232
5 interface.

1 18. The transportable security surveillance system
2 of claim 17 wherein the central security computer
3 includes means for sending a command over the LAN to the
4 AVC to activate the remote control device.

1 19. The transportable security surveillance system
2 of claim 18 wherein the remote control device is a remote
3 control door lock for locking a door that provides an
4 entrance and an exit to the area of interest.

1 20. A transportable security surveillance system
2 for rapid installation in an area of interest and rapid
3 extraction from the area of interest, said system
4 comprising:

5 a local area network (LAN) connecting a central
6 security station to the area of interest;

7 a central security computer in the central security
8 station connected to the LAN;

9 an alarm display connected to the central security
10 computer for providing an alarm indication and real-time
11 video data to a security guard;

12 an audio-video compressor (AVC) in the area of
13 interest connected to the LAN;

14 a video camera in the area of interest connected to
15 the AVC, said video camera providing video data regarding
16 the area of interest to the AVC; and

17 a triggering device in the area of interest that
18 creates a trigger indication when a situation arises that
19 requires real-time surveillance of the area of interest,
20 said trigger indication triggering the AVC to begin
21 streaming real-time video data over the LAN to the
22 central security computer.

1 21. The transportable security surveillance system
2 of claim 20 wherein the AVC includes an AVC memory for
3 storing pre-trigger video data received from the camera
4 prior to receiving the trigger indication from the
5 triggering device, whereby the pre-trigger video data are
6 saved in the AVC memory when the AVC is triggered to
7 begin streaming the real-time video data to the central
8 security computer.

1 22. The transportable security surveillance system
2 of claim 20 wherein the AVC includes a reverse audio
3 channel.

1 23. The transportable security surveillance system
2 of claim 22 further comprising a microphone connected to
3 the central security computer, and a speaker connected to
4 the AVC, whereby an audio announcement from the security
5 guard is made in the area of interest by transmitting the
6 announcement from the microphone to the speaker utilizing
7 the reverse audio channel.

1 24. The transportable security surveillance system
2 of claim 20 further comprising a radio transmitter in the
3 central security station for transmitting a radio message
4 to a roving security patrol when the AVC is triggered to
5 begin streaming the real-time video data to the central
6 security computer.

1 25. The transportable security surveillance system
2 of claim 20 further comprising, in the central security
3 station, a pager mechanism connected to the central
4 security computer that automatically pages a security
5 supervisor when the AVC begins to stream the real-time
6 video data to the central security computer.

1 26. The transportable security surveillance system
2 of claim 25 wherein the pager mechanism also
3 automatically sends a paging message to a roving security
4 patrol when the AVC begins to stream the real-time video
5 data to the central security computer, said paging
6 message including an alarm indication and a location of
7 the area of interest.